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DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention METHODS OF GENETIC ANALYSIS the specification of which is attached hereto or X was filed on September 15, 1999 as Application No. 09/396,196 and was amended on (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes <u> </u> No <u> </u>
			Yes <u> </u> No <u> </u>

I hereby claim the benefit under Title 35, United States Code §19(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/100,678	September 17, 1998

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
		<u> </u> Patented <u> </u> Pending <u> </u> Abandoned
		<u> </u> Patented <u> </u> Pending <u> </u> Abandoned

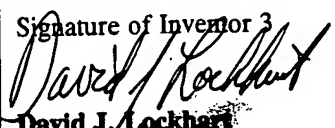
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Vern Norviel, Reg. No. 32,483
Philip L. McGarrigle, Reg. No. 31,395
Rosemarie Celli, Reg. No. 42,397
Wei Zhou, Reg. No. 44,419
Ellen Gonzales, Reg. No. 44,128
Joe Liebeschuetz, Reg. No. 37,505
William M. Smith, Reg. No. 30,223

Send Correspondence to: Chief Patent Counsel AFFYMETRIX, INC. 3380 Central Expressway Santa Clara, CA 95051	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: Ellen Gonzales Reg. No.: 44,128 Telephone: (408) 731-5557
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Full Name of Inventor 1	Last Name MITTMAN	First Name MICHAEL	Middle Name or Initial	
Residence & Citizenship	City PALO ALTO	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 2377 St. Francis Drive	City Palo Alto	State/Country CA	Zip Code 94303
Full Name of Inventor 2	Last Name MACK	First Name DAVID	Middle Name or Initial J.	
Residence & Citizenship	City MENLO PARK	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 2076 Monterey Avenue	City Menlo Park	State/Country CA	Zip Code 94025
Full Name of Inventor 3	Last Name LOCKHART	First Name DAVID	Middle Name or Initial J.	
Residence & Citizenship	City DEL MAR	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 510 Torrey Point Road	City Del Mar	State/Country CA	Zip Code 92014

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 Michael Mittman	Signature of Inventor 2 David H. Mack	Signature of Inventor 3  David J. Lockhart
Date	Date	Date 11/11/99

DP.WP 8/96



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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02/298,196 09/15/99 MITTMAN

M 3101.1

0262/1007

AFFYMETRIX INC
2380 CENTRAL EXPRESSWAY
SANTA CLARA CA 95051

NOT ASSIGNED

1643

DATE MAILED:

10/07/99

NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a
☐ small entity (statement filed) ☒ non-small entity is \$ 130.

☐ 1. The statutory basic filing fee is:

- ☐ missing.
☐ insufficient.

Applicant must submit \$_____ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. The following additional claims fees are due:

\$_____ for _____ total claims over 20.

\$_____ for _____ independent claims over 3.

\$_____ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☒ is missing or unsigned.
☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 9. OTHER: _____

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice MUST be returned with the reply.

Washington